Data Querying and Manipulation using SQL-Day 3

**Aggregate functions, DML & Sub-queries**

Write appropriate SQL queries for following problems.

1. List customers who have not purchased any product. (Use a subquery)
2. For a given product id,
   1. list which other products were also bought along with it. (Use Exists)
   2. list other products that were bought along with it provided their total qty bought is > 5
3. Which are the most and least sold products (quantity-wise)? Show their id and description.
4. Who is the most valued customer (customer who made the highest sales)?
5. List the most expensive products in their respective classes.
6. Which shipper has shipped highest volume of items? (Hint: Each product has L x W x H dimensions)
7. Assume all items of an order are packed into one single carton (box). Write a query to identify the optimum carton (carton with the least volume whose volume is greater than the total volume of all items) for a given order.
8. Update the price of Toys category products by increasing it by 20%.
9. Insert a new order with following details:
   1. Order date: Today's date, Customer: Keshav, Shipper: Professional. Assume other values
   2. Order items: Table – 5 no.s, Storage – 3 no.s and Chair – 10 no.s